

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA2859WE

This certificate, issued to CHARLES LISCHER, JR.

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4a of the Civil Air Regulations.

Original Product — Type Certificate Number: A-766

Make: UNIVERSAL (Globe)

Model: GC-1B, N80779, Serial No. 182

Description of Type Design Change:

Installation of Lycoming O-320-A3B engine and Hartzell HC-C2YL-1BF/F7663A-4 propeller (in lieu of the Lycoming O-320-A3A engine and Hartzell HC-82XC-7636D-2 propeller approved per STC SA2-1007) and associated installation components in accordance with Charles Lischer, Jr. Installation Instructions for Swift GC-1B dated September 13, 1973.

Limitations and Conditions: This installation eligible only on aircraft previously modified per STC SA2-1007.

Data not suitable for reproduction of installation in other aircraft; therefore, they are satisfactory for Universal (Globe) GC-1B, N80779, Serial No. 182 only. No additional modifications of this type are to be approved solely by reference to this Supplemental Type Certificate (STC) or to the data submitted therefor.

STC Addendum No. SA2859WE is a part of this Certificate. A copy of this Certificate and Charles Lischer, Jr. Installation Instructions for Swift GC-1B shall be maintained as part of the permanent maintenance records for this modified aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 11, 1973

Date reissued:

Date of issuance: APR 1 1974

Date amended:



By direction of the Administrator

Charles Lischer
Acting Chief, Aircraft Engineering Division
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

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Supplemental Type Certificate
(Continuation Sheet)

Number SA2859WE

Date: APR 1 1974

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA2859WE

The conditions and limitations of Aircraft Specification No. A-766 and STC SA2-1007 apply except as follows:

This Addendum, which is part of Supplemental Type Certificate No. SA2859WE, prescribes conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Civil Air Regulations. A copy of this Addendum shall be maintained as part of the modified aircraft permanent records.

I - Model Universal (Globe) GC-1B (Landplane Only), as modified by STC SA2859WE.

Propeller: Hartzell
Hub Model: HC-C2YL-1BF
Blade Model: F7663A-4
Diameter: 72 inches Maximum
71 inches Minimum
Pitch Stop Settings: At 30 in. station - Low 12°
High 27°

Serial Number Eligible: No. 182 only.

Certification Basis: Same as specified by Aircraft Specification No. A-766.

Required Equipment: In addition to the equipment applicable and required by Aircraft Specification No. A-766 and Supplemental Type Certificate SA2-1007, the equipment specified by Charles Lischer, Jr. Installation Instructions for Swift GC-1B must be installed as a result of the incorporation of this STC.

Note 1. The following placard must be displayed on the instrument panel adjacent to the electric fuel pump switch and adjacent to the electric fuel pump circuit breaker:

"AUX FUEL PUMP"

- END -

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.